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BEYER WEAVER & THOMAS, LLP

INTELLECTUAL PROPERTY LAW

590 W. El Camino Real, Mountain View, CA 94040 Telephone: (650) 961-8300 Facsimile: (650) 961-8301 www.beyerlaw.com

FACSIMILE COVER SHEET

May 25, 2004

Receiver:

Examiner Harvey E. Behrend - Group Art 3641

TEL#:

FAX#:

(703) 872-9306

Sender:

Joseph E. Bond

Our Ref. No.: UDL1P044C1

Re:

10/075,965

Pages Including Cover Sheet(s): 24

MESSAGE:

Please see attached amendment.

CONFIDENTIALITY NOTE

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: John Paul RONALDSON et al.

Attorney Docket No.: UDL1P044C1

Application No.: 10/075,965

Examiner: Behrend, Harvey E

Filed: February 13, 2002

Group: 3641

Title: MONITORING A SAMPLE CONTAINING

Confirmation No.: 1141

A NEUTRON SOURCE

CERTIFICATE OF FACSIMILE TRANSMISSION I hereby certify that this correspondence is being transmitted by facsimile to fax number 703-872-9306 to the U.S. Patent and Trademark Office on May 25, 2007

AMENDMENT C (RESUBMITTED) TRANSMITTAL

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	30	MINUS	28	2	x9 = 0	x 18 = 36.00
Independent Claims	3	MINUS	3	0	x 43 = 0	x 86 = 0
Multiple Dependent Claim Present and Fee Not Previously Paid					\$145.00	\$290.00
				Total	\$0	\$36.00

Please charge the required fees (\$36.00 for two additional dependent claims), or any additional fees \boxtimes required to facilitate filing the enclosed response, to Deposit Account No. 500388 (Order No. <u>UDL1P044C1).</u>

Applicant(s) believe that no Extension of Time is required; however, if it is determined that such an 図 extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 500388.

> Respectfully submitted. BEYER WEAVER & THOMAS, LLP

Joseph Bond

Reg. No. 52,633

P.O. Box 778 Berkeley, CA 94704-0778 (650) 961-8300

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Signed:

Laura M. Dean

AMENDMENT C (RESUBMITTED)

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir.

In response to the Office Action dated 4 April 2003, which was sent by the Examiner in reply to a non-responsive amendment which, in turn, was in response to an Office Action dated 3 July 2003, please amend the above-identified patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begin on page 3 of this paper.

Remarks/Arguments begin on page 10 of this paper.